

# DHRUV KUMAR BANSAL

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## EDUCATION

**B.Tech in Computer Science and Engineering**  
VIT Bhopal University, Bhopal, Madhya Pradesh

Sep 2022 – May 2026  
CGPA: 8.39/10

## SKILLS & CERTIFICATIONS

**Languages** Java, Python  
**Databases** MySQL, MongoDB  
**Certifications** [Bits & Bytes of Computer Networking \(Coursera\)](#), [Cloud Computing \(NPTEL\)](#), [Market Analytics \(NPTEL\)](#)  
Python Essentials Course (VIT Bhopal), [Crash Course on Python by Google \(Coursera\)](#)

## EXPERIENCE

**Software Trainee Intern**  
*SaralTech (Remote)*

Feb 2025 – Aug 2025

- Contributed to the development of the **Saral Transport** project, focusing on **website flow design**, technical architecture, and user journey optimization.
- Participated in **workshops and real-world projects**, gaining hands-on experience in full-stack development and scalable software workflows.
- Actively **brainstormed business strategies**, proposing the **core operational model** for Saral Transport and aligning technical features with business feasibility.
- Applied **innovative solutions** to complex business challenges, improving system efficiency and supporting the startup's go-to-market readiness.

**Completion Letter:** [View Certificate](#)

## PROJECTS

**VBS Full Stack Website**   
*Personal Project*

May 2025 – Ongoing

- Engineered** a full-stack MERN application for over 500 students, achieving a 40% increase in booking efficiency through a user-friendly interface and a comprehensive admin dashboard.
- Developed** a responsive frontend using React and React Bootstrap, featuring search, booking, and ticket management, leading to a 30% reduction in customer support inquiries.
- Built** a secure backend with Node.js and Express.js, implementing a RESTful API with token-based authentication using JSON Web Tokens (JWT) and role-based access control for over 1,000 users.
- Designed** a comprehensive admin dashboard for managing users, buses, routes, and bookings, and generating PDF manifests for 200+ trips, utilizing MongoDB and Mongoose for data modeling.

**VBS Schedule Generator**   
*Mini Project*

April 2025

- Built** a lightweight web app to dynamically generate and export bus schedules for students.
- Implemented** automated time calculations using **JavaScript**, improving the accuracy of route planning.
- Deployed** the project on GitHub Pages.

## LEADERSHIP & ENTREPRENEURSHIP

**Vice President, Fintech Club, VIT Bhopal**  
**Market Analyst Team Co-Lead, Fintech Club, VIT Bhopal**  
**Market Analyst, Fintech Club, VIT Bhopal**

Oct 2024 – Present  
Jan 2024 – Oct 2024  
Jan 2023 – Dec 2023

- Spearheaded 3 large-scale events** (StockQuest, Auction Arena, FinGenAI), engaging **550+ participants** and boosting financial literacy by **20%**.
- Managed a 94-member team**, optimized logistics, and drove **30% club growth** through **4 successful campaigns**.

**Founder, Vacation Bus Services (VBS)**

Oct 2023 – Ongoing

- Founded** a successful startup providing transport services to **10,000+ VIT Bhopal students**, achieving **95% customer satisfaction**.
- Directed** end-to-end operations, sold **10,000+ tickets**, optimized booking systems, and increased customer reach by **40%**.

## AWARDS & ACHIEVEMENTS

- Selected** for the **National-Level Research Paper Competition, VIVIBHA BSM** (out of 167,000 participants).
- Represented** VIT Bhopal at **NFLQ 2025 Quiz**, qualified for the **Finals** after securing **5th position** among 60 colleges in the Central Regional Round.